This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



Title: 5- Pries Alloys With Improved Corrosion Properties and Mark Their Manufacture and Use Sorial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025

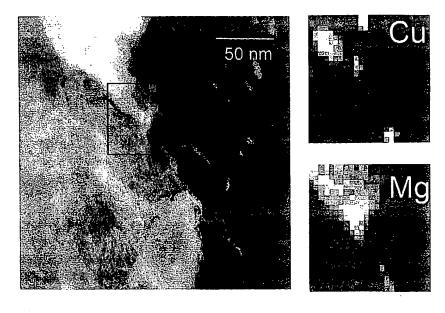


Figure 1

Title: Fries Alloys With Improved Corrosion Properties and Manufacture and Use
Serial No: Unassigned
First Named Inventor: Mark C. Carroll
Docket No: 37882-0025

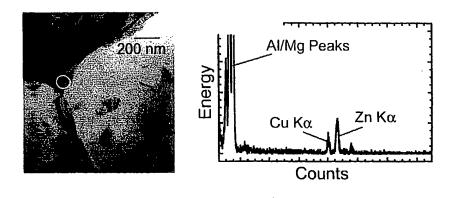
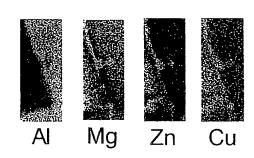


Figure 2



Figure 3



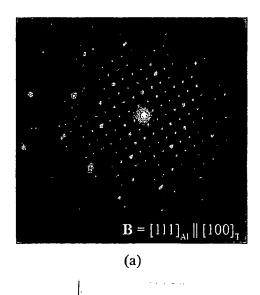
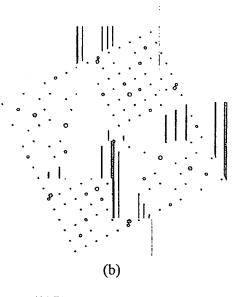
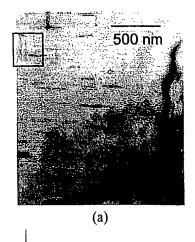


Figure 4



Methods for



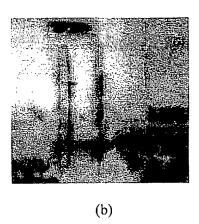


Figure 5

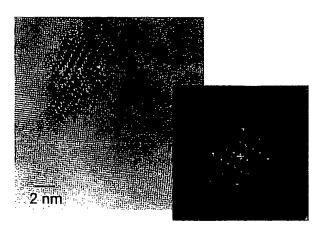


Figure 6

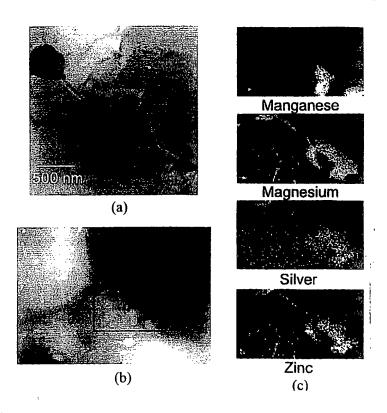


Figure 7:

Tit— O Scries Alloys With Improved Corrosion Properties at Their Wanufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025

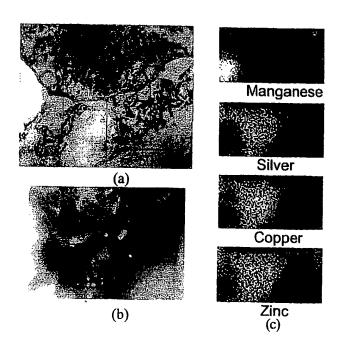


Figure 8

Their Manufacture and Use
Serial No: Unassigned
First Named Inventor: Mark C. Carroll
Docket No: 37882-0025

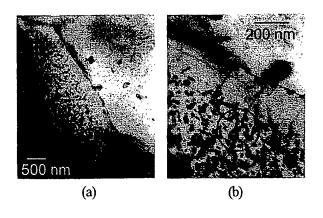
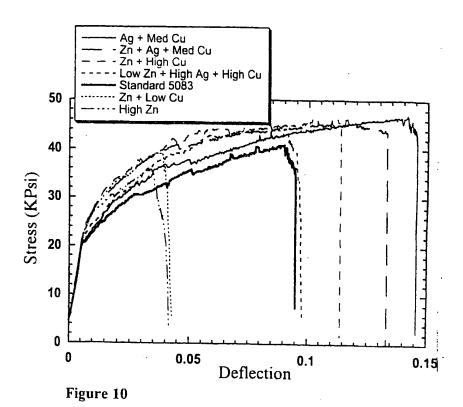


Figure 9

1

/

Title: 5 Deries Alloys With Improved Corrosion Properties and Manufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025



Title: 50% Les Alloys With Improved Corrosion Properties and Mean Their Manufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025

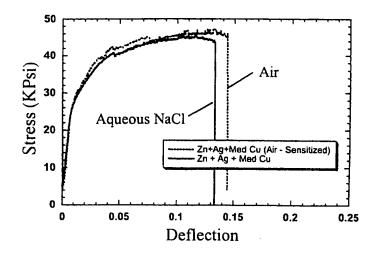


Figure 11

Title: 5 Series Alloys With Improved Corrosion Properties and Net Their Manufacture and Use

Serial No: Unassigned
First Named Inventor: Mark C. Carroll
Docket No: 37882-0025

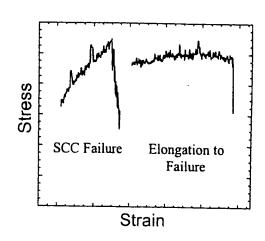


Figure 12

Title: 512 Ses Alloys With Improved Corrosion Properties and Met Their Manufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Pooler No. 17822 2025

Docket No: 37882-0025

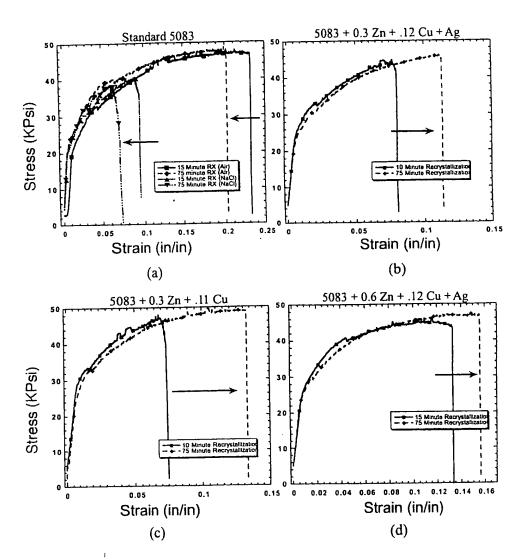


Figure 13

Title: Series Alloys With Improved Corrosion Properties and Metilods for Their Manufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025

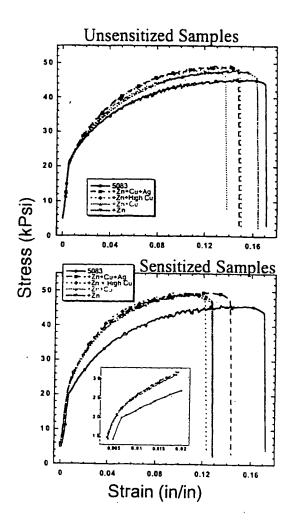


Figure 14

Title: — Peries Alloys With Improved Corrosion Properties and Natural Their Manufacture and Use Serial No: Unassigned First Named Inventor: Mark C. Carroll Docket No: 37882-0025

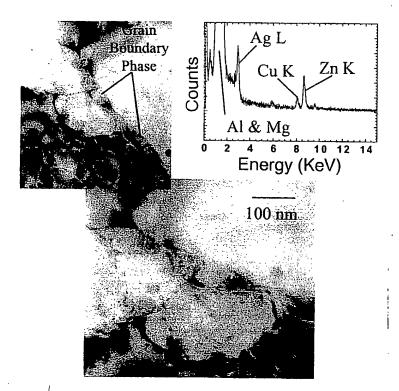
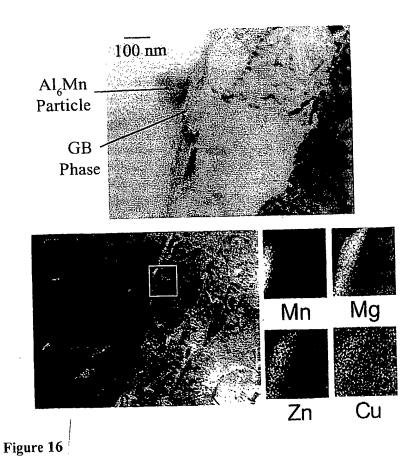


Figure 15

5000 Series Alloys With Improved Corrosion Properties
Their Manufacture and Use
Serial No: Unassigned
First Named Inventor: Mark C. Carroll
Docket No: 37882-0025



Title: 5000 s Alloys With Improved Corrosion Properties and Methods for Their Manuary are and Use Serial No: Unassigned

First Named Inventor: Mark C. Carroll Docket No: 37882-0025

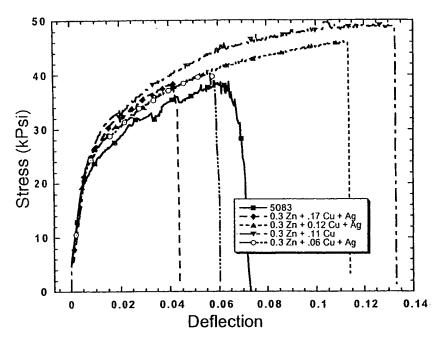


Figure 17

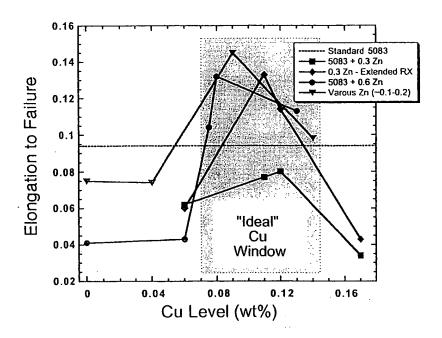


Figure 18

Al-Mg-Zn-Cu precipitates

SEM micrographs obtained in Back Scattered Electron (BSE) mode

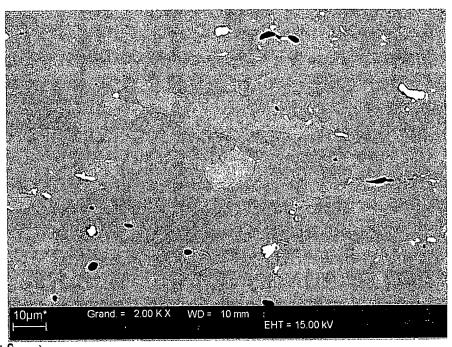


Fig 19 a)

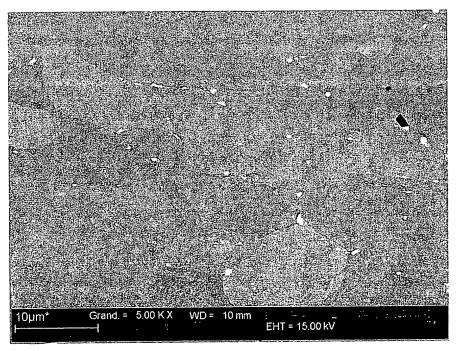
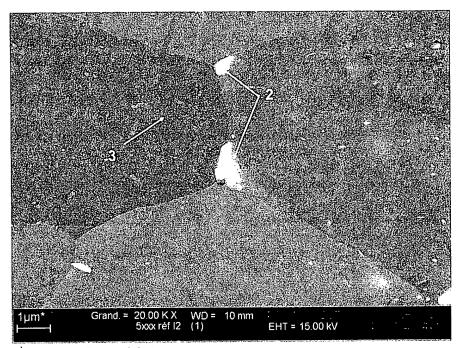


Fig. 196

Desenstization of 5xxx alloys to intergranular corrosion Search for Al-Mg-Zn-Cu precipitates :...

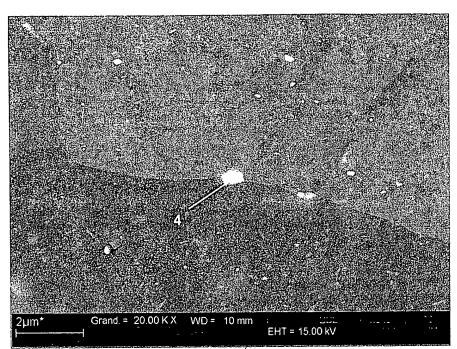
SEM micrographs obtained in Back Scattered Electron (BSE) mode



ì Al-Mg-Zn-Cu precipitates

- 2 Al-Mg-Zn-Cu
- 3 Al-Mg (matrix of 5xxx alloy)

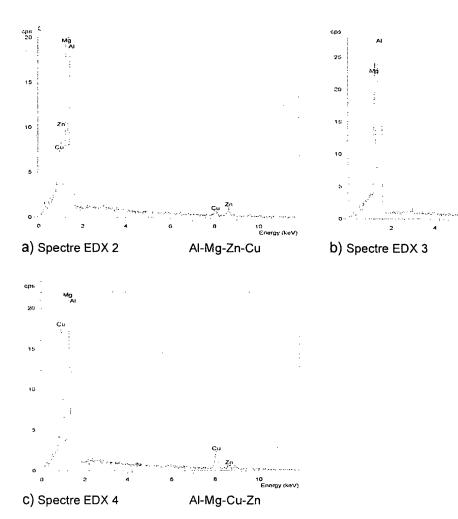
Fig. 20



Précipité Al-Mg-Zn-Cu Al-Zn-Mg-Cu precipitate

4 Al-Mg-Cu-Zn

Fig. 21



Al-Mg (matrice 5xxx)

Fig. 229 226 22C